

Comprehensive Protection against Threats from the Internet



Benefits:

- » Top performance at low initial acquisition, operation and integration costs
- » Risk minimisation by means of combining various technological security mechanisms
- » Simple administration saves on resources

These days, companies and their data face the threat of a great number of attacks from the Internet: viruses, Trojans, economic espionage, spam, etc. **The all-in-one appliance secunet wall 2 provides all the protection mechanisms you need to protect your data against these threats.** secunet wall 2 supports complete network, web and mail security with a central management and reporting tool for monitoring several hundred firewalls (Unified Threat Management – UTM).

secunet wall 2 is secunet's latest generation of firewall solutions. It ranks among the most user-friendly appliance solutions with an excellent price-performance ratio. You get an all-in-one solution whose functions go well beyond standard firewall features.

secunet wall 2 makes it possible for you to comprehensively protect your data and offers extremely powerful performance: with data transmission speeds of up to 9 GB/s, the additional security is practically imperceptible in day-to-day tasks. Depending on the number of users and the size of your networks, we offer you various hardware versions of secunet wall 2. All of our devices give you a choice of the following UTM security mechanisms:

Network security

Safeguards your network against a great number of Internet threats, e.g. denial of service attacks, port scans, worms, Trojans, botnets and programme exploits.

Mail security

Filters your entire E-mail data traffic to prevent spam, viruses, phishing and other dangerous incoming E-mail. Transparent E-mail encryption for protection against unauthorised access without the need for the installation of additional client software.

Web security

Safeguards employees' web access and the IM/P2P applications used in order to maximise productivity and minimise legal risks. Filters for the entire web and FTP traffic for protection against viruses, spyware and active content.

All modules offer extensive management functions via an integrated web interface and SNMP. Independent web-based management or Open Source-driven fwbuilder allow for plenty of leeway and scaling options. Management is included in the system price. Time-controlled automatic reports on utilisation, system status and hacking attempts with various export functions (PDF, CSV) ensure clarity. Automatic software and pattern updates keep the system updated on an ongoing basis.

For verification of the high level of security, the system is to be certified according to Common Criteria EAL 4+.

Network security: technical specifications

- Stateful packet filtering and transparent proxies for HTTP, FTP, SMTP, DCOM, DNS(Sec), among others
- More than 8,000 intrusion protection rules with signature updates in real-time
- Stateful VoIP support: H.323, SIP
- Multicast routing, OSPF, NAT, PAT and bridging
- Authentication via Active Directory, eDirectory, RADIUS, TACACS+, LDAP or Local
- Bandwidth management and WAN balancing
- And much more

Hardware specifications

	secunet(wall 220	secunet(wall 425	secunet(wall 625
Form factor	1U rackmount	1U rackmount	2U rackmount
Processor	Intel Celeron Dual Core @ 2.2GHz	Intel Core 2 Duo @ 2.13GHz	2* Intel Xeon Quad Core @ 3GHz
Memory	1 GB DDR3	4 GB DDR2	8 GB DDR2
Hard Drive	160 GB SATA2	160 GB SATA	2* 450 GB SAS 15 krpm (RAID1)
Ethernet Ports			
– 10/100 Mbps	8	0	0
– GigEth Copper	0	6	10
– GigEth SFP GBIC	0	2	8
LCD Display	1 (16x2)	1 (16x2)	1 (16x2)
Dimensions w*h*d (mm)	426 x 44 x 365	426 x 43.5 x 432	426 x 88 x 600
Weight (kg)	5.5	8.4	16
Power Supply	200 W ATX: AC/DC 100 V~240 V 50~60 Hz 3~6 A	350 W ATX: AC/DC 100 V~240 V 50~60 Hz 4~8 A	2* 460 W ATX: AC/DC 100 V~240 V 50~60 Hz 4~8 A redundant, hotswap

Mail security: technical specifications

E-mail filtering/E-mail encryption

- Protection against server exploits by means of integrated E-mail intrusion protection system
- Spam can be marked, isolated or deleted
- Antivirus scanner with two independent engines and more than 800,000 patterns plus zero-day heuristics
- Transparent encryption and decryption and digital signatures for SMTP E-mail
- Scanning of encrypted E-mails as well as encrypted and compressed file attachments
- Support of OpenPGP-, S/MIME and TLS encryption standards
- And much more

Web security: technical specifications

- Highly performant HTTP, HTTPS and FTP gateways incl. complete content analysis
- Filtering by time, user and user group
- Two independent antivirus scanners and more than 800,000 patterns plus zero-day heuristics
- Prevention of infections and hidden spyware communication
- URL filter with more than 35 million websites in 97 categories
- Filtering of active content such as Java, Active X, Flash, cookies, VBScript or JavaScript
- Instant messaging and Peer-2-Peer control
- And much more

Performance values

	secunet(wall 220	secunet(wall 425	secunet(wall 625
Firewall Throughput	500 Mbps	3 Gbps	9 Gbps
Intrusion Protection Throughput	190 Mbps	500 Mbps	1.1 Gbps
UTM Throughput	50 Mbps	135 Mbps	350 Mbps
E-mail Throughput	300,000 Mails/h	1,200,000 Mails/h	2,200,000 Mails/h
E-mail Throughput (scanned)	45,000 Mails/h	130,000 Mails/h	250,000 Mails/h
Concurrent connections	300,000	1,000,000	2,500,000
Quarantine Storage	30 GB	60 GB	200 GB
Log/Reporting Storage	40 GB	80 GB	220 GB
Active/Passive HA (Hot Standby)	yes	yes	yes
Active/Active HA (Cluster)	yes	yes	yes

You also have a choice of different services and support options: for instance, subscription for different runtimes, 7x24 phone support and hardware replacements within 24 h.

More information:
www.secunet-wall.com



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